TABLE 27

Federal obligations for basic research, by agency and performer: FY 2019
(Dollars in thousands)

Agency	Total	Intramural <sup>a</sup>	Extramural								
			United States and U.S. territories								
			Industry	Industry- administered FFRDCs	Universities and colleges	University- administered FFRDCs	Other nonprofits	Nonprofit- administered FFRDCs	State, local governments	Foreign	
All agencies	40,017,257.6	7,240,357.2	3,636,609.5	555,746.2	18,626,506.6	4,419,740.9	3,724,619.4	1,478,129.7	86,025.0	249,523.	
Departments											
Department of Agriculture	1,056,543.3	697,682.6	2,562.6	0.0	334,000.0	0.0	18,585.3	0.0	2,221.1	1,491.	
Agricultural Research Service	646,187.1	573,709.0	0.0	0.0	63,659.2	0.0	7,153.0	0.0	174.2	1,491.	
Animal and Plant Health Inspection Service	18,812.2	13,585.9	0.0	0.0	5,226.3	0.0	0.0	0.0	0.0	0.	
Forest Service	84,664.4	79,896.1	0.0	0.0	2,594.6	0.0	230.4	0.0	1,943.4	0.	
National Institute of Food and Agriculture	306,879.6	30,491.6	2,562.6	0.0	262,519.9	0.0	11,202.0	0.0	103.6	0.	
Department of Commerce	253,176.4	236,245.6	6,002.8	0.0	8,399.5	0.0	1,703.9	522.0	0.0	302.	
National Institute of Standards and Technology	253,176.4	236,245.6	6,002.8	0.0	8,399.5	0.0	1,703.9	522.0	0.0	302	
Department of Defense	2,510,170.5	572,114.5	327,350.3	13,895.9	1,373,405.5	9,302.0	106,203.4	21,567.1	2,528.9	83,802	
Defense Advanced Research Projects Agency	478,318.0	14,862.2	138,394.3	8,693.7	242,713.7	5,971.7	41,151.3	7,729.3	0.0	18,801.	
Department of the Air Force	559,429.2	100,461.1	60,226.8	149.6	360,521.0	204.3	3,423.8	1,107.6	0.0	33,335.	
Department of the Army	494,668.0	159,229.3	65,633.3	0.0	237,941.9	191.8	12,139.7	9,768.7	1,900.0	7,863	
Department of the Navy	655,662.5	182,875.2	22,055.8	100.0	391,695.2	326.6	34,904.7	875.0	628.9	22,201	
Other defense agencies	322,092.8	114,686.6	41,040.1	4,952.7	140,533.9	2,607.5	14,583.9	2,086.5	0.0	1,601	
Department of Education	57,276.0	2,924.9	388.6	0.0	41,959.5	0.0	11,808.0	0.0	195.0	0	
Department of Energy	5,074,534.1	269,227.6	280,064.3	284,529.0	820,246.5	1,987,385.4	20,314.4	1,410,285.5	1,245.2	1,236	
Electricity Delivery and Energy Reliability	14,649.0	334.9	965.4	3,415.9	1,737.4	1,467.2	1,024.0	5,659.0	45.2	0.	
Fossil Energy	33,000.0	0.0	0.0	0.0	33,000.0	0.0	0.0	0.0	0.0	0.	
National Nuclear Security Administration	101,820.0	0.0	2,684.8	57,431.4	13,751.4	7,466.5	0.0	20,485.9	0.0	0.	
Office of Defense Nuclear Nonproliferation	101,820.0	0.0	2,684.8	57,431.4	13,751.4	7,466.5	0.0	20,485.9	0.0	0	
Office of Cybersecurity, Energy Security, and Emergency Response	989.0	0.0	989.0	0.0	0.0	0.0	0.0	0.0	0.0	0	
Office of Science	4,924,076.1	268,892.7	275,425.2	223,681.6	771,757.8	1,978,451.6	19,290.4	1,384,140.6	1,200.0	1,236.	

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			Extramural								
Agency	Total	Intramural <sup>a</sup>	United States and U.S. territories								
			Industry	Industry- administered FFRDCs	Universities and colleges	University- administered FFRDCs	Other nonprofits	Nonprofit- administered FFRDCs	State, local governments	Foreign	
Department of Health and Human Services	19,099,834.2	3,725,516.1	973,724.6	255,295.8	10,899,722.8	10,584.0	3,032,222.4	16,767.8	62,974.3	123,026.	
Centers for Disease Control and Prevention	77,206.4	29,599.9	2,016.1	0.0	31,926.1	0.0	7,496.6	340.8	4,818.1	1,008.	
Health Resources and Services Administration	2,627.8	2,627.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.	
National Institutes of Health	19,020,000.0	3,693,288.3	971,708.6	255,295.8	10,867,796.7	10,584.0	3,024,725.8	16,427.0	58,156.2	122,017.	
Department of Homeland Security	46,283.8	475.0	25,575.1	0.0	19,642.7	0.0	0.0	591.0	0.0	0.	
Countering Weapons of Mass Destruction Office	5,376.7	0.0	0.0	0.0	5,376.7	0.0	0.0	0.0	0.0	0.	
Science and Technology Directorate	40,907.1	475.0	25,575.1	0.0	14,266.0	0.0	0.0	591.0	0.0	0.	
Department of Housing and Urban Development	39,078.9	26,723.5	7,859.3	0.0	1,027.9	0.0	3,468.2	0.0	0.0	0.	
Department of the Interior	81,447.2	73,210.5	51.9	0.0	5,230.7	0.0	171.5	0.0	2,782.6	0.	
Bureau of Land Management	867.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	867.0	0.	
Bureau of Safety and Environmental Enforcement	182.9	182.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.	
National Park Service	857.3	0.0	0.0	0.0	857.3	0.0	0.0	0.0	0.0	0.	
U.S. Geological Survey	79,540.0	73,027.6	51.9	0.0	4,373.4	0.0	171.5	0.0	1,915.6	0.	
Department of Justice	21,228.1	0.0	0.0	0.0	10,512.9	0.0	10,715.2	0.0	0.0	0.	
Office of Justice Programs	21,228.1	0.0	0.0	0.0	10,512.9	0.0	10,715.2	0.0	0.0	0.	
Department of the Treasury	10,298.9	13.9	10,285.0	0.0	0.0	0.0	0.0	0.0	0.0	0.	
Bureau of Engraving and Printing	10,285.0	0.0	10,285.0	0.0	0.0	0.0	0.0	0.0	0.0	0.	
U.S. Mint	13.9	13.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.	
Department of Veterans Affairs	629,101.4	629,101.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.	
Other agencies											

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(Dollars in thousands)

			Extramural								
					United	States and U.S. ter	ritories				
Agency	Total	Intramural <sup>a</sup>	Industry	Industry- administered FFRDCs	Universities and colleges	University- administered FFRDCs	Other nonprofits	Nonprofit- administered FFRDCs	State, local governments	Foreign	
National Aeronautics and Space Administration	5,688,975.1	735,294.0	1,762,603.7	2,025.5	735,394.5	2,109,267.7	305,380.2	21,910.4	2,124.4	14,974.7	
National Science Foundation	5,212,090.0	35,387.8	240,141.4	0.0	4,376,964.0	303,201.7	214,046.8	5,706.0	11,953.6	24,688.8	
Nuclear Regulatory Commission	780.0	0.0	0.0	0.0	0.0	0.0	0.0	780.0	0.0	0.0	
Smithsonian Institution	236,440.0	236,440.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

FFRDC = federally funded research and development center.

## Note(s):

Because of rounding, detail may not add to total. Only those agencies and subdivisions that had obligations in variables represented by this table appear in the table. See technical table A-2 for additional notes associated with the agencies listed in this table.

## Source(s):

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2019-20.

<sup>&</sup>lt;sup>a</sup> Intramural activities cover costs associated with the administration of intramural R&D programs and extramural R&D procurements by federal personnel as well as actual intramural performance.